

### REMARKS

The Applicants respectfully request reconsideration of this application in view of the above amendments and the following remarks.

#### 35 U.S.C. § 112 Rejection

The Examiner rejects claims 10, 14-16, 24, and 27 under 35 U.S.C. § 112, second paragraph.

Regarding claim 10, Applicants respectfully submit the rejection is improper because claim 10 recites wherein the selector defines a multiplexer, and independent claim 8 from which claim 10 depends defines the cooperative relationships between the selector, the branch indication memory, and the shift register.

Regarding claims 14-16, 24, and 27, Applicants respectfully submit that these claims have been amended to further define the cooperative relationships. Furthermore, Applicants respectfully submit that it is well known in the arts how Flash, DRAM, and GSM transceivers may be incorporated within apparatus for various different purposes. Applicants respectfully submit that these details need not be set forth in the claims, particularly since different possibilities, configurations, and cooperative relationships are known in the arts. Accordingly, Applicants respectfully request that the rejection of these claims be withdrawn.

#### 35 U.S.C. §102(b) Rejection - Araki

The Examiner has rejected claims 8, 9, 11-13, and 21-23 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,946,361 issued to Araki et al. (hereinafter "Araki"). The Applicants respectfully submit that the present claims are allowable over Araki.

Claim 8 pertains to an apparatus comprising:

*"a branch indication memory to store branch indication information for a state at a section of a plurality of sections of the branch indication memory, the branch indication information indicating a branch that leads to the state;*

*a memory address logic comprising a counter in communication with the branch indication memory to indicate the section with a value of the counter, the section including the branch indication information for the state and branch indication information for other states at the indicated section;*

*a selector in communication with the branch indication memory to receive the branch indication information for the state at the indicated section and the branch indication information for the other states at the indicated section, the selector to select the branch indication information for the state instead of the branch indication information for the other states at the indicated section based on received selection information;*

*a shift register in communication with the selector to provide information stored in a plurality of register segments to the selector as the selection information, and to receive and store the selected branch indication information".*

Araki does not teach or suggest these limitations. In particular, Araki does not teach or suggest the limitations identified above in bold. In brief, Araki does not disclose separately indicating branch indication information for multiple states with a value of a counter and then selecting branch indication information for one state based on selection information from a shift register.

Accordingly, claim 8 and its dependent claims are believed to be allowable over Araki.

Independent claims 21 and 25 and their respective dependent claims are believed to be allowable for one or more similar reasons.

### 35 U.S.C. §103(a) Rejection - Araki

The Examiner has rejected claims 14-16 and 24-27 under 35 U.S.C. §103(a) as being unpatentable over Araki.

As discussed above, each of the independent claims includes limitations not disclosed in Araki. Claims 14-16 and 24-27 are believed to be allowable due at least in part on the dependency

from one of these independent claims. Applicants at this point elect not to address the rejection of these dependent claims.

### Conclusion

In view of the foregoing, it is believed that all claims now pending patentably define the subject invention over the cited art of record and are in condition for allowance. Applicants respectfully request that the rejections be withdrawn and the claims be allowed at the earliest possible date.

### Request For Telephone Interview

The Examiner is invited to call Brent E. Vecchia at (303) 740-1980 if there remains any issue with allowance of the case.

### Request For An Extension Of Time

The Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17 for such an extension.

### Charge Our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10/15/07

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